Gravatt, Dan

From: Whitley, Christopher
Sent: Monday, May 05, 2014 2:03 PM
To: Field, Jeff; Gravatt, Dan; Jefferson, Matthew; Tapia, Cecilia
Subject: KSDK Channel 5 reporter has questions
Attachments: DOE RI.pdf; ATT00001.htm

KSDK Reporter Grant Bissell has received information from Dawn Chapman (see attached documents), and is seeking answers to a couple of questions, below. This reporter is on a deadline for this evening's broadcast.

Can any of you please help me answer his questions?

From: Bissell, Grant [mailto:gbissell@ksdk.com]
Sent: Monday, May 05, 2014 1:59 PM
To: Whitley, Christopher
Subject: Fwd: DOE Document pages - per your request (UNCLASSIFIED)

Attached you'll find the Dept. Of Energy documents from 1994. It identifies two intersections between the Hazelwood site and West Lake Landfill that apparently were contaminated.
The Taussig rd/St. Charles Rock Rd. Intersection is directly adjacent to West Lake.
At this point I'm trying to learn whether this area falls under the purview of EPA or Superfund. And, if so, what if anything has been done at that site to remediate or contain the contamination.
If it's not under EPA's purview, would you happen to know who?thanks for your help.

Grant Bissell
Multimedia Journalist
KSDK NewsChannel 5
Desk: 314-444-5116
Cell: 314-803-9141
gbissell@ksdk.com
Twitter: @gbissellksdk

Begin forwarded message:

> **From:** Dawn Chapman <dmcteacher@gmail.com>
> **Date:** May 2, 2014 at 2:02:42 PM CDT
> **To:** grantbissell@yahoo.com
> **Subject: Fwd: FW: DOE Document pages - per your request (UNCLASSIFIED)**

0714

3.0

---------- Forwarded message ----------
From: **Dawn Chapman** <dmcteacher@gmail.com>
Date: Fri, May 2, 2014 at 2:02 PM
Subject: Fwd: FW: DOE Document pages - per your request (UNCLASSIFIED)
To: Bonita Cornute <bonita.cornute@tvstl.com>

0114

The last page talks about levels of radiation being found in intersections 2 and 28. Intersection 2 is right outside of West Lake Landfill. According to the 2005 NoCo record of decision this intersection was never remediated or touched! So what happened with it? Is it still there now!

---------- Forwarded message ----------
From: **Harvey Ferdman** <HarveyFerdman@aol.com>
Date: Thu, May 1, 2014 at 6:24 PM
Subject: FW: DOE Document pages - per your request (UNCLASSIFIED)
To: Dawn Chapman <dmcteacher@gmail.com>, esmith@moenviron.org

I just got this ... I have not looked it over yet ...please let me know what you find.

Harvey Ferdman
St. Louis, MO 63017
314-469-0595
314-761-5100 (cell)

DOE/OR/21949-280

Formerly Utilized Sites Remedial Action Program (FUSRAP)
Contract No. DE-AC05-91OR21949

REMEDIAL INVESTIGATION REPORT FOR THE ST. LOUIS SITE

St. Louis, Missouri

January 1994

4.45 3382.2

contamination was found on portions of the properties adjacent to Latty Avenue or to HISS. Surface and subsurface soil samples were collected from these areas and from surrounding locations where elevated gamma readings had been detected.

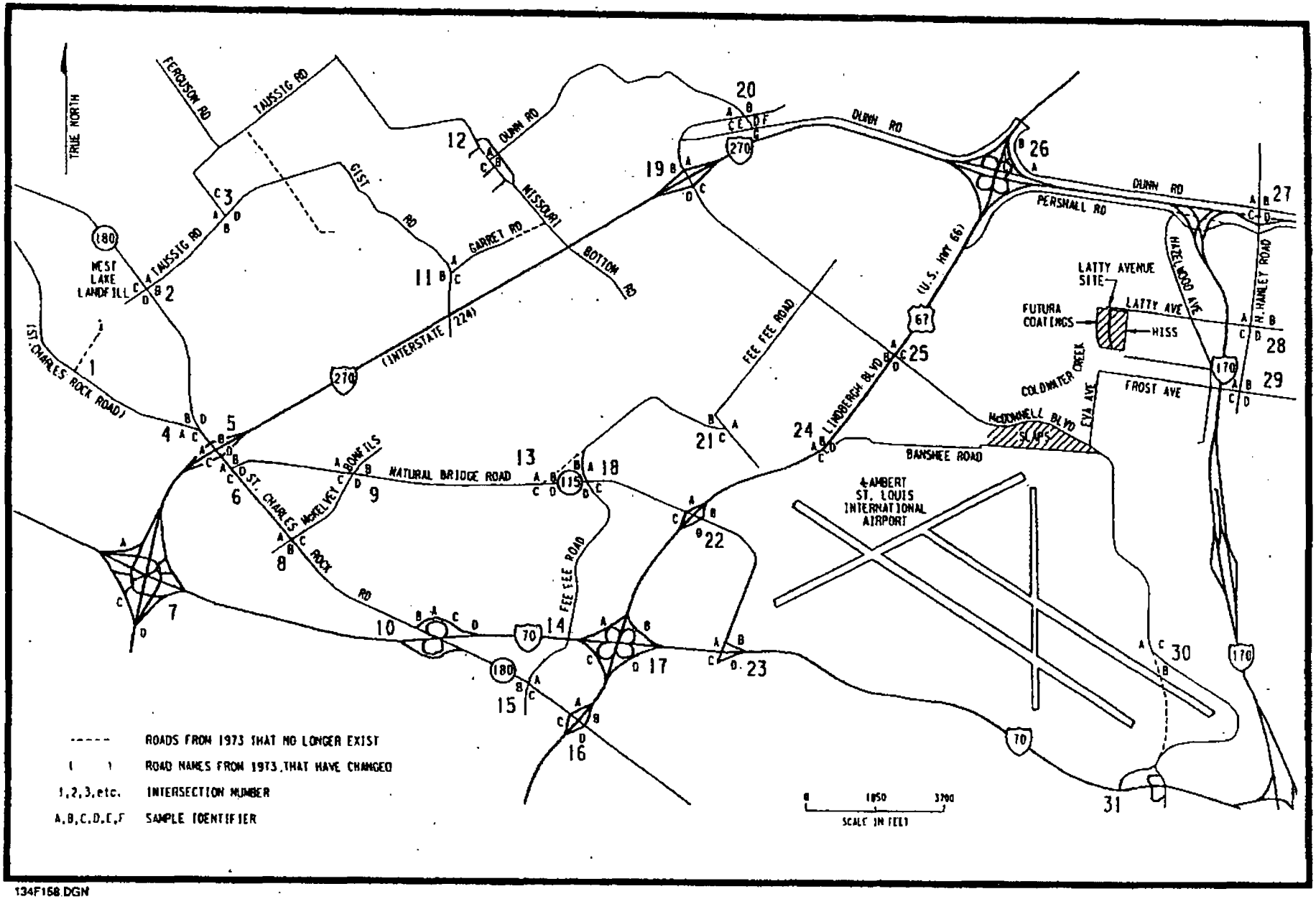
Soil samples were collected from 109 surface and 45 subsurface locations on Property 1; from 117 surface and 55 subsurface locations on Property 2; from 27 surface and 12 subsurface locations on Property 3; from 18 surface and 9 subsurface locations on Property 4; from 16 surface and 8 subsurface locations on Property 5; and from 55 surface and 7 subsurface locations on Property 6.

Details regarding the soils investigation are provided in BNI 1990d.

2.1.8 Investigations at the Transportation Routes Between HISS and West Lake Landfill and Between SLDS and SLAPS

Potential waste transportation routes were identified based on historical and recent maps. Thirty-one intersections on these routes between HISS and West Lake Landfill were selected (Figure 2-24), and a walkover gamma radiation scan was conducted at each. Only 28 of the 31 intersections were sampled due to inaccessibility of three locations: Intersection 1 no longer exists; Intersection 14 is an overpass where Fee Road crosses I-70; and Intersection 31 is an overpass where McDonnell Boulevard crosses I-70. Two sampling locations were selected at each corner of each intersection (where accessible), and 212 surface soil samples were collected and analyzed for uranium-238, radium-226, thorium-232, and thorium-230.

A mobile gamma scanning van with an on-board computer system was used to identify possible anomalies on public roadways and suspected haul routes used to move wastes from HISS to West Lake Landfill and from SLDS to SLAPS. Public roadways, accessible commercial parking areas surrounding SLDS, and railroad crossings were also scanned. Some intersections and roads near the airport that were previously surveyed were investigated again (ORNL 1991).



134F158.DGN

FIGURE 2-24 TRANSPORTATION ROUTES BETWEEN HISS AND WEST LAKE LANDFILL

3.9 CHARACTERIZATION RESULTS FOR TRANSPORTATION ROUTES BETWEEN HISS AND WEST LAKE LANDFILL AND BETWEEN SLDS AND SLAPS

Twenty-eight intersections between HISS and West Lake Landfill were sampled (Figure 2-24). A total of 231 surface soil samples were collected and analyzed for uranium-238, radium-226, thorium-232, and thorium-230; the concentrations of these radionuclides range from 1.1 to 10, 0.2 to 3.1, 0.3 to 2.2, and 0.4 to 9.0 pCi/g, respectively. Only 2 of the 231 samples exhibit thorium-230 concentrations exceeding the DOE cleanup guideline. These two sampling locations are on the western side of Intersection 28 and at Intersection 2.

Results of the survey along the suspected haul routes between SLDS and SLAPS showed no evidence of residual radioactivity related to past MED/AEC operations. Anomalies detected were attributed to road-base gravel enhanced with thorium-232, phosphate fertilizers, and emanations from SLAPS (ORNL 1991).